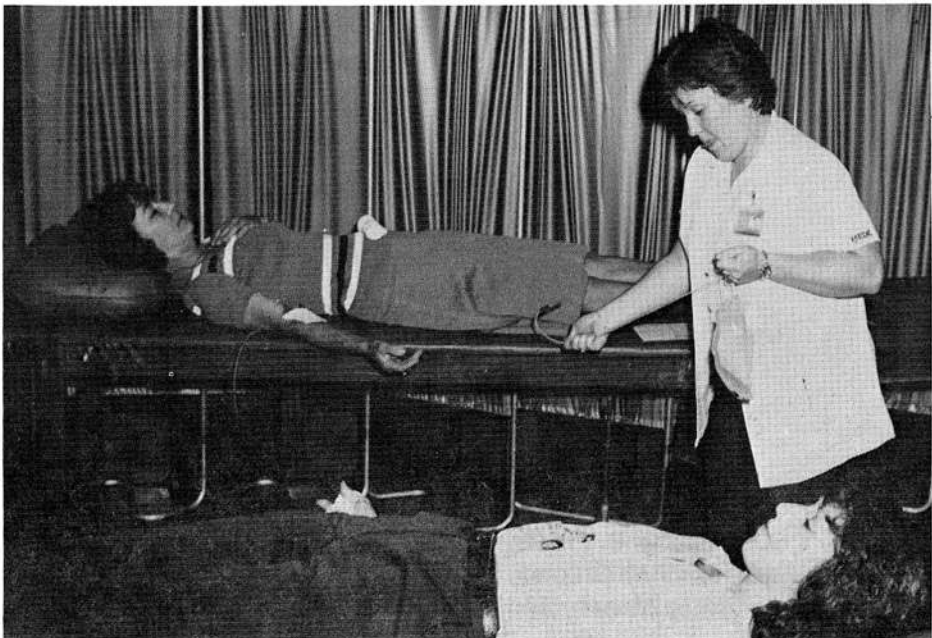
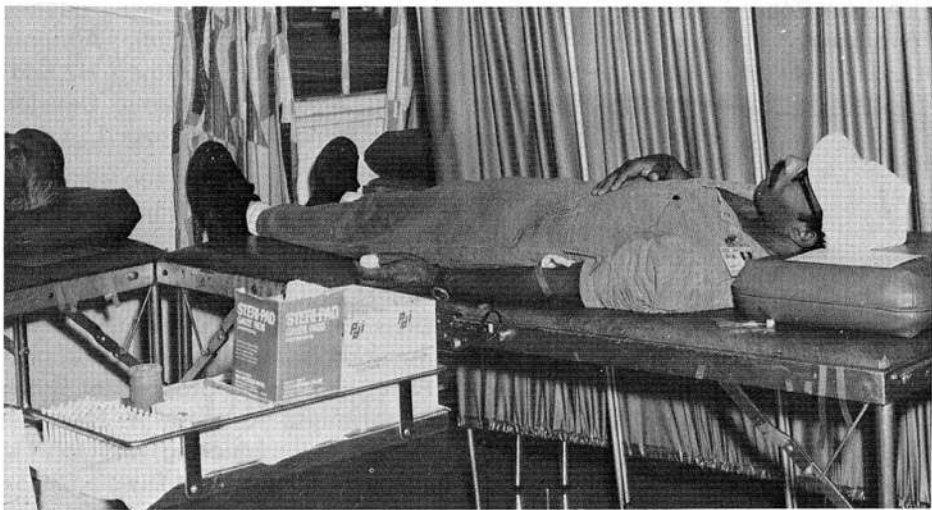
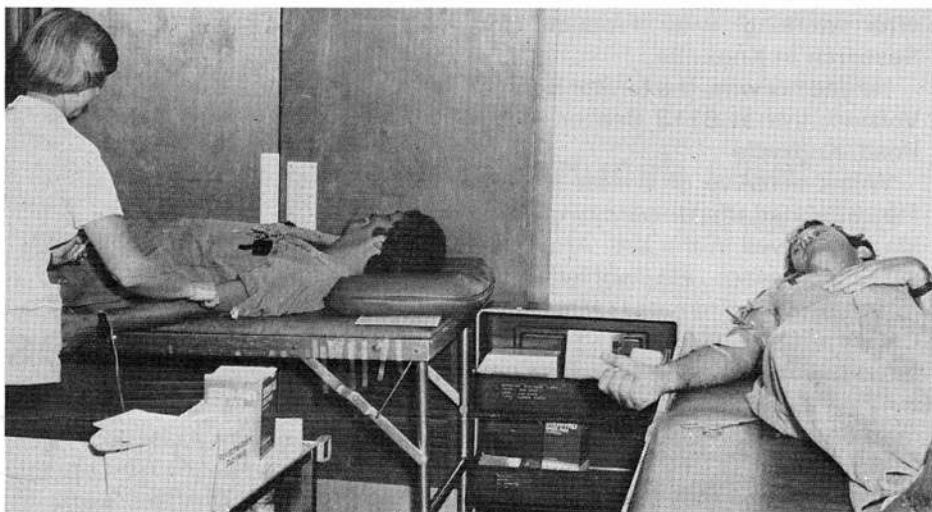
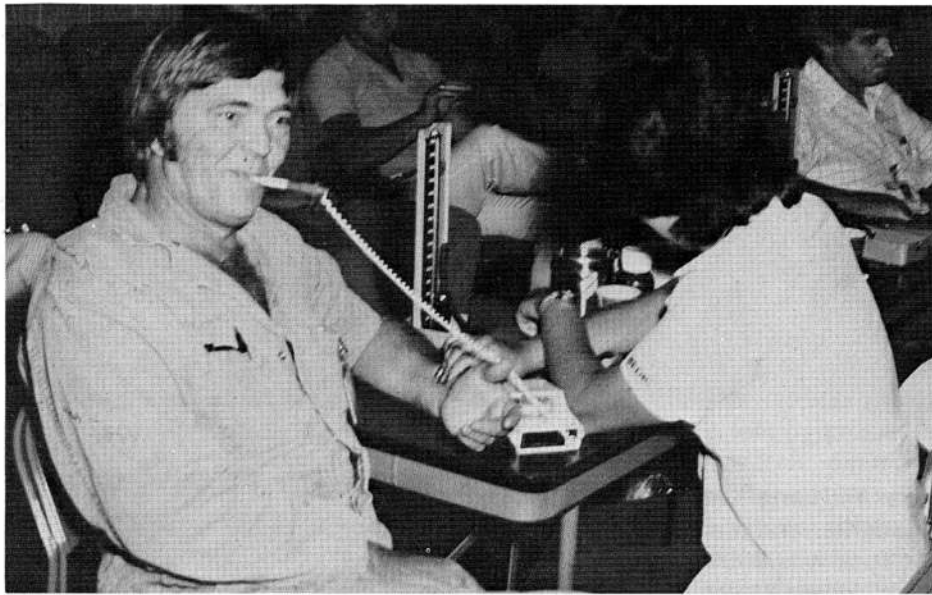


Nuclear Division News

• Vol. 13, No. 17 • August 19, 1982

1,200 plus pints collected in record-smashing blood drive



Blood shortages in the East Tennessee area were eased recently as a result of a successful drive at the Oak Ridge Gaseous Diffusion Plant. More than 1,200 units of blood were drawn in the plant's three-day drive, August 4, 5 and 6.

Medic, the community's blood bank, serving 27 hospitals in 20 surrounding counties of this area, believes the 479 pints drawn last Thursday set a new record for industrial blood drives for any regional program.

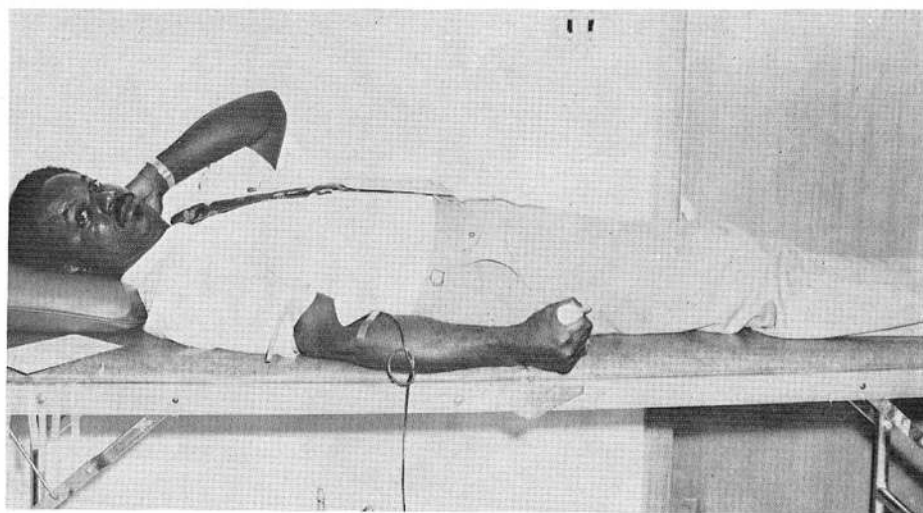
"The remarkable thing about ORGDP's joint union-management efforts surrounding the blood drive was that so many responded so happily. I have never seen so many smiles at a drawing," Jean Drennon, Medic's program development director, stated. "I have never witnessed a drawing of this size before. It seemed that everyone was determined to do something about the shortages that have been so critical in our area as elsewhere. Chairperson Fran DeLozier and her assistants, as well as the division leaders, are to be congratulated."

Future drives are set at the other two Oak Ridge facilities, so that a blood drive will be held at each facility on a two-month rotating basis, but no plant will have more than two visits a year.

Oak Ridge National Laboratory will stage its drive in early October, and the Y-12 Plant's drive will be scheduled in December.

These drives will give blanket coverage to every Nuclear Division employee and family members, whether that particular employee gave blood or not.

DeLozier, ORGDP's Engineering Division, who coordinated the efforts of scheduling the volunteers, emphasized the complete cooperation of the Oil, Chemical and Atomic Workers and the Guard Union Workers of America in their support of the drive. "Their total commitment, plus management's strong endorsement, decidedly guaranteed the outstanding results we attained," she said.



In this issue...

Pages 4 and 7 are again filled with a host of retirees, leaving Union Carbide with many years of service.

Other features:

Y-12 promotions page 2

Visitor facilities enjoy success page 3

Medicine Chest page 5

Question Box Page 8

Several promoted at Y-12 Plant

Several Y-12 promotions have been announced. Lilla M. Brown has been promoted to development associate in the Development Division; Terry W. Carroll a planner-estimator in Maintenance; Thomas G. Everson a supervisor in Electrical and Electronics; Thomas W. Fields a machine supervisor; Donald Mott a planner-estimator in Maintenance; Raymond E. Richardson a machining supervisor in Fabrication; David A. Ray a machining supervisor in Beta 2 Machine Shop; Richard L. Sampsel a training and pride circle coordinator; Michael F. Tuck a machining supervisor; and Robert L. Wiley has been named a supervisor in the Maintenance Division.

Brown, a native of Teaneck, N.J., has a BE in chemical engineering from Stevens Institute of Technology. She joined Union Carbide last year after working with Standard Oil and Stevens Institute.

She lives at 300 Walker Springs Road, Knoxville.

Carroll, a native of Pineville, Ky., attended Sinclair College and is a graduate of United Electronics Institute. He joined Union Carbide in 1977 after working with Wente Electric and Muse Electric in Lexington.

Married to the former Serri Bowling, he lives at 129 Hickory Nut Drive, Clinton.

Everson was born in Detroit and served in the U.S. Navy. He worked with Eaton Yale and Towne Lock Manufacturing Company.

Mrs. Everson is the former Barbara Yearwood and the couple lives at Route 4, Highland Hills, Lenoir City. They have one daughter.

Fields, a native of Knoxville, worked with Allied Chemical before joining Union Carbide in 1976.

Mrs. Fields is the former Kathy Savage, and they live at 3420 Wexgate Road, Route 17, Knoxville with their two boys.

Mott worked in federal civil services in Pensacola and Jacksonville before joining Union Carbide in 1980.

He was in the U.S. Air Force for 20 years.

Mrs. Mott is the former Barbara Morin, and they live at 11618 South Monticello Drive, Knoxville. They have three sons.

Richardson was born in Bessemer, Ala. and joined Union Carbide in 1981 after working with Monsanto Research Corporation and Boeing Commercial Aircraft Company.

He and his wife, the former Linda Horton, live at 524 Norwood Drive, Oliver Springs. They have two sons and a daughter.

Ray, a native of Oak Ridge. He is a graduate of the TAT project and worked with Alignment Engineering in Knoxville before joining Union Carbide in 1979.

Mrs. Ray is the former Geri Stoetzel and they live at 100 Anna Road, Oak Ridge.

Sampsel was born in Coalfield, and has a BS in industrial education from the University of Tennessee. He joined Union Carbide in 1970, left to teach vocational training in Knox County Schools, and returned to Y-12 in 1977.

Mrs. Sampsel is the former Dorothy Harper, and they live at 5245



Brown

Everson



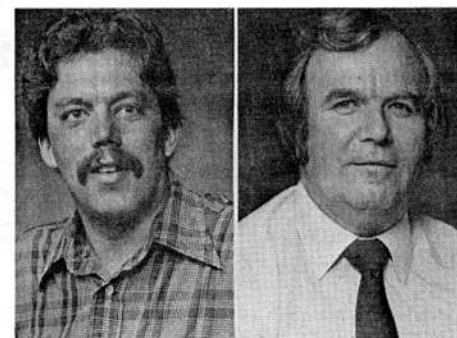
Fields

Mott



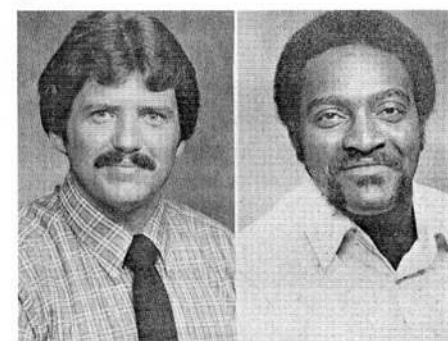
Ray

Sampsel



Tuck

Wiley



Carroll

Richardson

Oak Hill Lane, Knoxville. They have a daughter and a son.

Tuck was born in Hartford, Conn. and joined Union Carbide in 1980 after working with Products for Research in Knoxville.

He and his wife, the former Bonnie Voisine, live at 8113 Beaver Ridge Road, Knoxville.

Wiley, a native of Winter Haven, Fla., attended the University of Florida and served in the U.S. Army Reserve six years. He worked with International Business Machines Corporation and North America Rockwell at the Kennedy Space Center as a launch technician on Apollo missions.

Mrs. Wiley is the former Claire Jean Ward, and they live at Route 7, Harmon Road, Knoxville. They have two sons.

Anniversaries

Y-12

35 YEARS

Gerald R. Guinn, E-Wing Casting; James R. Wilmoth, Utilities Administration; William T. Luffman, H2 and F Area; Anna G. Dobbins, Development Division; and Rosa L. Lewis, Plant Laboratory.

30 YEARS

William E. Weaver, Dispatching; Ambrose H. Ballard, Development Division; Carnelon V. Terry, Reproduction; Dana B. Arnold, Alpha 5 East Shop; Roy H. Stooksbury, Stores Department; Kenneth R. Haeusler, Industrial Engineering; and John M. Napier, Development Division.

20 YEARS

Daniel O. Dawson, Matthew J. O'Hara and Dennis R. Moore.

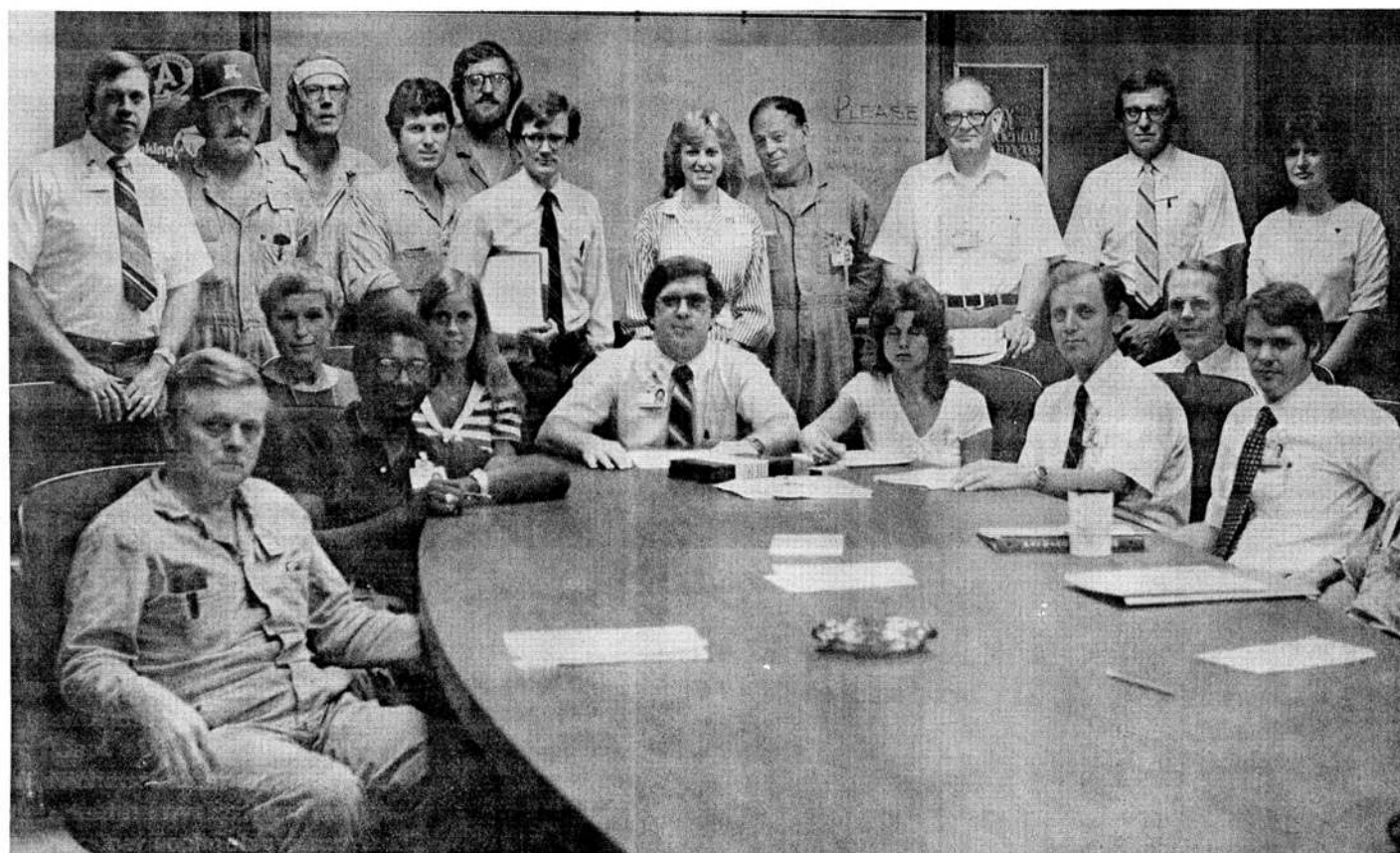
ORNL

35 YEARS

James H. Groover, Chemical Technology; Donna C. Michelson, Information; Elmo D. Hillon, Finance and Materials; Jack D. Hill, Health; Samuel W. Nichols; Industrial Safety and Applied Health Physics; Herman F. Soard, Chemical Technology; and Thomas L. Tuck Jr., Health.

30 YEARS

Loretta Fitzpatrick, Operations; Henry H. Tuck, and Robert H. Seals, Plant and Equipment; and William L. Pattison, Chemical Technology.



PADUCAH PLANT UNITED WAY COMMITTEE — Plans already have begun on Paducah's United Way campaign, set for September 20. From left, seated are Bill Beasley, Charlene Dawes, Wallace Burnett, Mary Jordan, Chairman Jerry Carter, Carol Page, Bud Brickeen, Dan Cunningham, Jay Collins and B. B. Freels. Standing are Jim Thomas, Bill Henderson, Stilly Franklin, Joe Mize, Festus Wicker, John Dew, Laura Quigley, Ray Brust, C. O. Hayes, Howard Pulley and Pat Mosley. Not pictured are Sandra Neal, Jimmy Massey and Dick Veazey.

Division sites record 50,000th visit since May 1

Late in July, Nuclear Division visitor facilities reached a significant milestone — the 50,000th visit was made to the sites since their official opening May 1.

The facilities, which include Visitor Overlooks at ORGDP and ORNL and the ORNL Graphite Reactor and Aquatic Ecology Laboratory, all have been open daily to the public since the beginning of the 1982 World's Fair. The number of visits increased gradually during the month of May, reached a peak level in mid-June and have decreased slightly but remained consistent during July and early August. On the average, some 550 visits per day have been recorded at the four sites.

Guides are on duty six and one-half days each week to greet the many visitors, answer questions and distribute informational brochures. No advance reservations are required, and Division employees are invited to bring their World's Fair visitors to the facilities as part of the Oak Ridge "Energy/Environment Loop" tour. Brief descriptions of the four sites follow.

Visitor Overlooks

The ORGDP Visitor Overlook, which has been newly remodeled and landscaped, provides visitors with a view of the 1500-acre industrial complex. Guests may view an audiovisual program describing the plant's operating and process details, and brochures providing information about ORGDP and other area visitor facilities and available. The site is open daily from dawn until dusk.

The new shelter-type overlook at ORNL offers a panoramic view of the main area of the Laboratory, and an audiovisual program and interpretive displays describing ORNL programs also are available. Visiting hours are 9 a.m. to dusk daily.

Other ORNL sites

Visitors to ORNL's Graphite Reactor, the world's oldest and a National Historic Landmark, may view its mammoth loading face, control room and operating areas. (See related story.) New display panels highlight ORNL research programs in various energy-related areas, including conservation, coal, nuclear energy development and safety, fusion and the basic energy sciences. Visiting hours are 9 a.m. to 4 p.m. Monday through Saturday and noon to 4 p.m. Sunday.

The newly enlarged and landscaped Aquatic Ecology Laboratory houses displays, exhibits and audiovisuals depicting the various ORNL programs in the life sciences. Tanks of fish, display panels and exhibits, environmental research ponds, a solar-powered weather station and a video theater all are available for guests at the facility. Hours are 9 a.m. to 4 p.m. Monday through Saturday and noon to 4 p.m. Sunday.



GRAPHITE REACTOR EXHIBIT — A visitor at ORNL's Graphite Reactor checks out a computer game on heat pump water heaters, one of many energy-related exhibits at the facility. Visiting hours at the reactor are 9 a.m. to 4 p.m. Monday through Saturday and noon to 4 p.m. Sunday.

Paducah safety contest scheduled

Paducah Plant employees have a chance to test their safety knowledge during September.

The Safety Department is sending family safety quizzes to all homes in an effort to promote off-the-job safety awareness. The contest packages should start arriving on September 1.

Entries should be sent to the Safety Department, Building C-212, by September 17. A drawing will be held to select 37 prize winners. Cash prizes ranging from \$40 to \$100 will be awarded.

Graphite Reactor visitors share comments, experiences

Guests from far and wide are spending time at Nuclear Division visitor facilities, and, judging from their comments, they are enjoying themselves!

A survey of the visitor log at ORNL's Graphite Reactor, for example, revealed that groups or individuals from virtually every state in the continental U.S. and from at least 12 foreign countries, including Spain, Australia, Ireland, Greece, India and Japan, had visited the facility in just a three-week period.

And these are more than just "drop-in" visits. A random sample of comment cards submitted by visitors to the reactor indicated that the average stay at the facility is about 45 minutes, with some visitors spending as long as 2 hours viewing the exhibits.

Opinions of the visitors apparently vary, on which features of the facility are most enjoyable. Several mentioned the rather obvious ones like the loading face, control room and isotope-loading area. The master/slave manipulators, or mechanical hands, also are quite popular, although some visitors aren't quite sure what to call them, referring to them as "the radiation arms," "the robot hands," or simply "the arms."

Many visitors said they enjoyed all the exhibits, adding "thanks for opening them to the public." Others commented that it was exciting to see "where history was made," and many were very complimentary of the guides at the reactor.

Other features of the facility also attracted favorable attention. One discerning young man, who listed his occupation as "Boy Scout," identified

the building's restrooms as his favorite.

Some visitors were more expansive in their praise. An elementary-school student from Arizona commented, "I really like this reactor. In the fifth-grade science book, there is a picture of it, and I loved it!" A visitor who identified himself as a radio engineer probably provided the ultimate accolade, however, when he called the facility "a better exhibit than most at the World's Fair."

Hall named captain at Paducah Plant



Hall

Charles T. Hall has been named a fire and guard captain at the Paducah Plant.

A native of Harrisburg, Ill., he received a BS degree from Murray State University and was in the U.S. Army before joining the Nuclear Division in 1977.

A major in the U.S. Army Reserves, he lives in Wickliff with his wife, Anna, and their three children.

Next issue...

The next issue will be dated September 2. The deadline is August 25.

UNION
CARBIDE

Nuclear Division News

UNION CARBIDE CORPORATION
NUCLEAR DIVISION
Post Office Box Y
Oak Ridge, Tenn. 37830

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ORGDP

Ruby A. Miller, 574-8092

PADUCAH

Laura Quigley, Bell 208



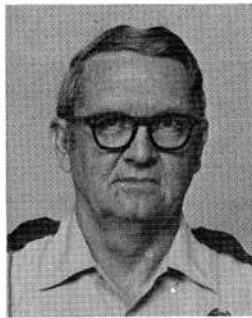
INTERNATIONAL ASSOCIATION
OF BUSINESS COMMUNICATORS

Published every other week
for employees such as:



**William L. Beals, Y-12's
Dimensional Inspection.**

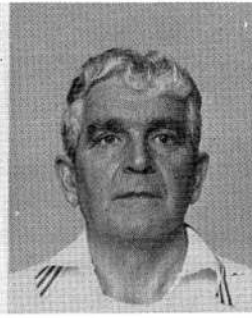
Recent Retirements



Robert E. Alexander
Laboratory Protection
ORNL
35 years service



Dorothy K. Burkhalter
Finance and Materials
ORNL
31 years service



Steve G. Makres
Information
ORNL
25 years service



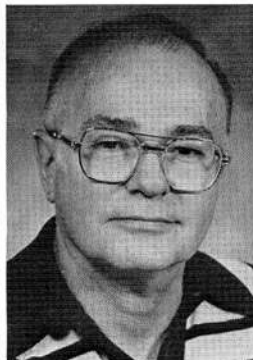
Betty W. McCown
Plant and Equipment
ORNL
34 years service



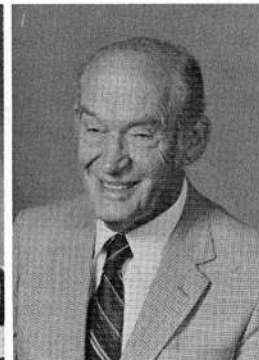
Margaret E. Cleveland
Biology
ORNL
36 years service



Russ A. Schmidt
Engineering
ORGDP
36 years service



James F. Lockmiller
Fuel Recycle
ORNL
37 years service



Earl J. Breeding
Engineering
ORGDP
37 years service



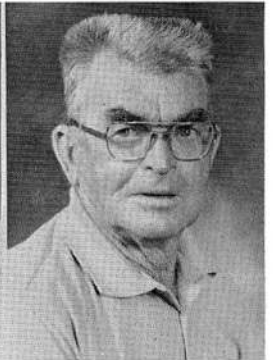
Elizabeth H. Cook
Engineering
ORGDP
39 years service



Harold C. Davis
Plant and Equipment
ORNL
36 years service



Norris H. Cooper
Plant and Equipment
ORNL
38 years service



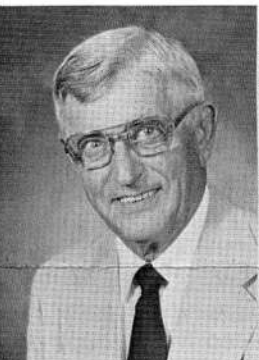
Clarence E. Mashburn
Plant and Equipment
ORNL
31 years service



Howard E. Cochran
Instrumentation
and Controls
ORNL
28 years service



Addie L. Gunnels
Fuel Recycle
ORNL
31 years service



James P. Jackson
Engineering
ORNL
35 years service



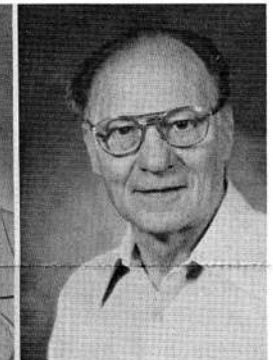
Theodore A. Welton
Physics
ORNL
31 years service



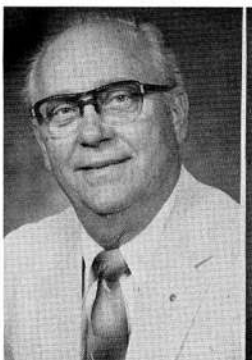
Marvin T. Morgan
Chemical Technology
ORNL
30 years service



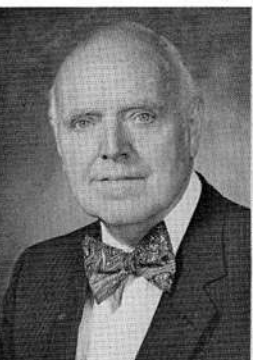
Dwight P. Madewell
Plant and Equipment
ORNL
28 years service



Joseph F. Willmering Jr.
Metals and Ceramics
ORNL
26 years service



Warren C. Farris
Plant and Equipment
ORNL
31 years service



Thomas H. Burnett
Industrial Safety
ORNL
35 years service



Ora L. Kuykendall
Finance and Materials
ORNL
34 years service



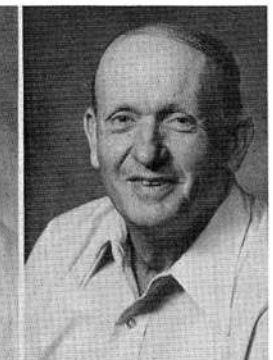
Raymond E. Blanco
Chemical Technology
ORNL
36 years service



Edgar L. Compere
Chemical Technology
ORNL
30 years service



Hugh H. Shelton
Plant and Equipment
ORNL
25 years service



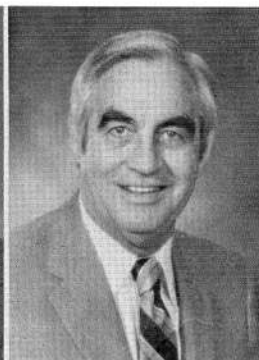
Thomas H. Bettis
Stores Department
Y-12
27 years service



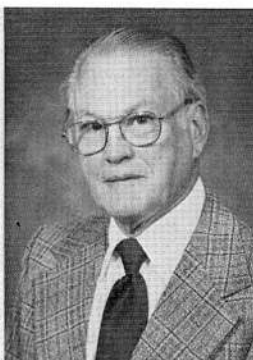
Ruth C. Kuhlo
Industrial Safety
and Applied
Health Physics
ORNL
32 years service



Phillip R. Navas
Plant and Equipment
ORNL
28 years service



Amos H. Marshall
Analytical Chemistry
ORNL
35 years service



Gene D. Harrell
Plant and Equipment
ORNL
30 years service



Guinn A. Lockett
Plant and Equipment
ORNL
29 years service



Andrew H. Matthews
Analytical Chemistry
ORNL
30 years service



Paul E. Phillips
Operations
ORNL
38 years service



Water and its health effects

by T. A. Lincoln, M.D.

(Editor's Note: Dr. Lincoln alternates his regular column with "The Medicine Chest," where he answers questions from employees concerning health in general. Questions are handled in strict confidence, as they are handled in our Question Box. Just address your question to "Medicine Chest," NUCLEAR DIVISION NEWS, Building 9704-2, Stop 21, Y-12, or call the news editor in your plant, and give him or her your question on the telephone.)

QUESTION: Could you please write a column on distilled water, answering the following questions:

- 1) Is distilled water good for you?
- 2) Can it help in arthritis cases?
- 3) Are we missing minerals that we could get from regular water if we drink distilled water?
- 4) Are fluoride and chlorine in regular water harming our bodies?
- 5) Could the minerals and impurities in regular water be clogging our arteries or harming our bodies in other ways?

ANSWER: These questions all could be answered by a qualified "no." The subject, however, needs further explanation.

Benjamin Franklin said, "When the well is dry, we know the worth of water." Most people don't give a moment's thought to the quality or quantity of the water that they drink. Only when they are deprived of water and become extremely thirsty, have illnesses that impair the body's ability to handle water properly or have to drink water that tastes bad, do they become concerned.

Water requirements

The body's water requirements vary primarily with exercise and the need to produce perspiration to keep the temperature normal. The average sedentary adult weighing about 155 pounds needs approximately 2600 milliliters (87 ounces) of water on a cool day to replace lost water. Approximately 1300 ml are taken in as fluid in various beverages and 1000 ml as water contained in food. During the metabolism of food in body cells, almost 300 ml of water are generated. These 2600 ml of intake and production are normally balanced by the loss of 1500 ml in urine, 500 ml from the skin, 400 ml

from the respiratory tract and 200 ml from the gastrointestinal tract.

During strenuous exercise on a warm day, the amount of water lost through the skin easily may be quadrupled. Some of this loss is compensated for by other mechanisms. More water is generated within the body because exercise burns up energy, and this process generates water. Less water also is lost from the kidneys, because the body works very hard to maintain water balance. If a serious water deprivation occurs, healthy kidneys can collect necessary body wastes in a remarkably small amount of concentrated urine.

Distilled water

Distilled water does not contain potentially toxic contaminants, nor does it contain any minerals. Since less than 10 percent of the daily mineral intake comes from beverages, with most coming from food, water usually is not an important mineral source. Nevertheless, there has been much speculation and study on the normal contaminants of drinking water. People who drink hard water get more calcium, magnesium and other minerals than those who drink soft water. If the solid food in the diet is deficient in essential minerals, it is possible that the small quantity in the drinking water could be important. There is no advantage to drinking distilled water, however, and it is quite expensive, so there is no reason to recommend it.

After extensive studies involving millions of people, it has been established that fluoridating drinking water to a concentration of 1.0 ppm is a safe and practical public health measure to reduce the incidence of dental cavities. The amount of chlorine added to drinking water to kill bacteria is insignificant when compared to the normal daily intake of

chloride in food and salt. Various "waters" have been touted as cures for arthritis, but these are used primarily for bathing rather than for drinking.

Adequate water intake

People generally do not drink enough water. After years of drinking less than the ideal amount of water, the healthy individual may adjust to a slight condition of chronic dehydration without being aware of it. Athletes who lose a great deal of water through perspiration frequently don't drink enough water to compensate for the loss. The best measure of water intake is the amount of urine excreted. If the daily urine output is less than 1500 ml, that person is not drinking enough water.

Inadequate intake of water by some people can lead to the formation of kidney stones. Also, an ade-

quate fluid intake can help keep the mucus membranes of the respiratory tract moist during the winter months and prevent infections.

Ice-cold beverages

The apparent obsession of Americans with ice-cold water and other beverages discourages adequate fluid intake. To see how, just try to drink quickly two large glasses of water, one ice cold and one at room temperature. The water at room temperature goes down easily, while the ice-cold water causes discomfort and has to be drunk much more slowly.

Correct water balance is essential for health. The physiological mechanisms to counter too large or too small an intake of water are impressive but may become inadequate over a period of years and cause health problems.

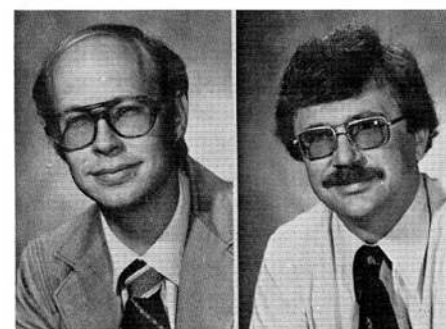
Two chemists promoted at Paducah

David L. Ashburn has been promoted to a chemist I in the Environmental Control Department at Paducah; Walter D. Malis has been named an analytical chemist II in the Technical Services Division.

Ashburn, a native of Cairo, Ill., has BS and MS degrees from Murray State University. He first came to the Paducah Plant in 1963 as a summer student and joined full-time in 1976.

He and his wife, Gail, live on Route 3, Paducah. They have two children.

Malis, a native of Gary, Ind., joined Union Carbide after teaching a year



Ashburn

Malis

in Australia and receiving his BS degree from Murray State University. He lives in LaCenter.

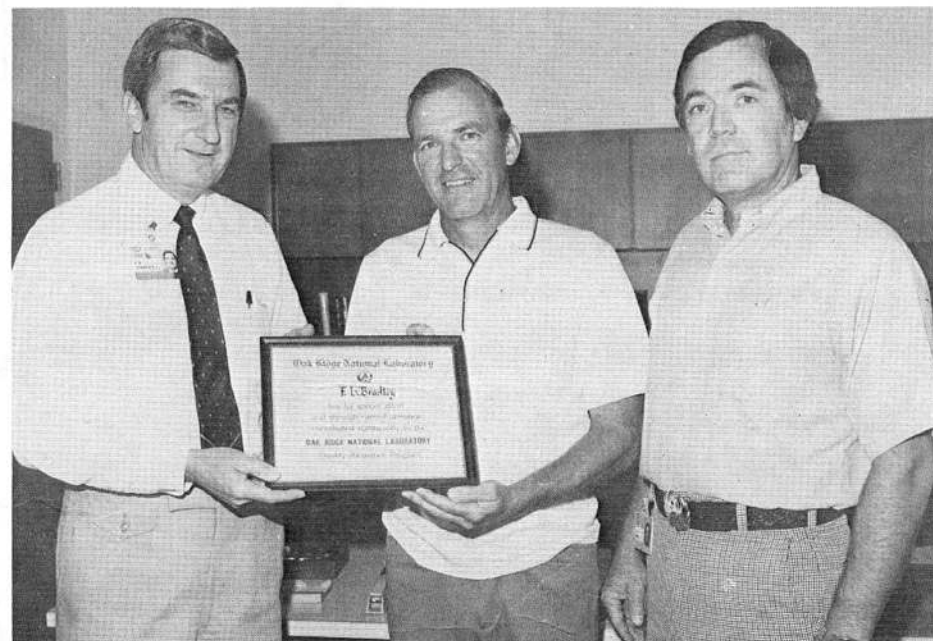
Patents Granted

Larry D. Payne, Paducah, "Process for Recovering Uranium from Waste Hydrocarbon Oils Containing the Same."

Victor M. Hovis Jr. and Walter G. Northcutt Jr., both of Y-12, "Method of Fabricating Thin-Walled Articles of Tungsten-Nickel-Iron Alloy."

Richard R. Williams and Robert M. Pardue, both of Y-12, "Dual Surface Interferometer."

Gary W. Weber, John Lewis Jr. and Gilbert W. Brassell, all of Y-12, "Method for Fabricating Thin Films of Pyrolytic Carbon."



QUALITY ASSURANCE CERTIFICATE — F. Leon Bradley, center, a rigger in the ORNL Plant and Equipment Division, receives a Quality Assurance Certificate of Recognition from Executive Director Ken W. Sommerfeld as Larry D. Reeves, rigger foreman, looks on. Bradley was honored for recognizing a potential quality problem, poorly placed crane stops in Building 4505, and taking the necessary action to prevent an accident or damage.

Safety Scoreboard

Time worked without a lost-time accident through August 12:

Y-12 Plant	29 Days	933,000 Employee-Hours
ORGDP	181 Days	4,295,000 Employee-Hours
ORNL	57 Days	1,273,187 Employee-Hours
Paducah	744 Days	6,273,000 Employee-Hours



STILL SWINGING — Joe Habermas still swings a mean bat in competition among softball teams. An avid sports fan, he has not let age or a hearing impairment keep him off the diamond.

Hot automobiles

Motorists again are reminded during the hot weather not to leave children or pets in an automobile. Temperatures may soar as high as 130° in a closed auto.

Children are more susceptible to dehydration than adults, and an infant left in a car simply cannot get out to find a cooler place.

High humidity also contributes to dehydration, since the body's natural ventilation system is impaired and sweating does not perform its normal function for the human body.

Most parking lots are void of shade, which compounds the problem. It's not safe to leave a baby in a car at any time; and it's deadly dangerous in the kind of weather we have now.

Age no problem for Joe Habermas

Age is no problem when competitive sports are involved, according to Robert L. (Joe) Habermas, Y-12's Dimensional Inspection Engineering. Joe, who will celebrate his 62nd birthday next month, has refused to allow age or a hearing disability received during World War II to interfere with his love for sports.

Back in 1958, when he first joined Union Carbide, Joe was an active member of a softball team and, after several years, decided to "retire" from the sport. But he couldn't stand to sit on the sidelines as a spectator, and four years ago again became a regular player. This year, as a member of the Tappers team, he has amazed everyone with his pitching and hitting ability and his outstanding team spirit — none of which seems to have diminished with the years.

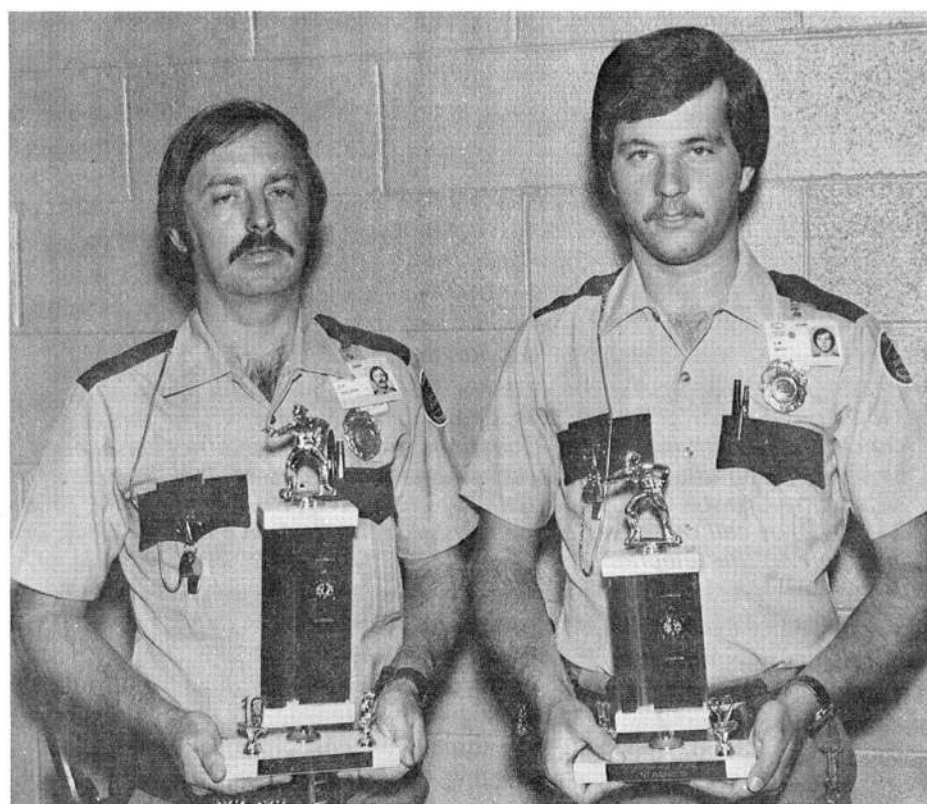
Back in his hometown of Detroit, Joe played defensive halfback with the Wolverines (a semi-professional football team), was catcher on several baseball teams, played ice hockey and was a Golden Gloves boxer. He is still an avid fan of the Detroit Tigers.

Since becoming a Tennessean, Joe has lived in Kingston with his wife, Stella, and daughter, Karen. Their son, Bob, is with the San Francisco police force.

UCC Mixed...

Union Carbide Mixed League, rolling Wednesday at 6 p.m. at Tri-County Lanes, will have an organization meeting August 25, at 6 p.m. at Tri-County Lanes, Oliver Springs.

All team captains are urged to attend.



FIRING TROPHIES — David Sullivan and Steve Smith, Paducah's Guard Department, received trophies in the spring in competitive shooting in Knoxville. Smith placed overall in the sharpshooting competition. The match was sponsored by the Knoxville Police Department in conjunction with the Dogwood Arts Festival.

Save Energy / Share The Ride

ORNL

VAN POOL RIDER NEEDED from West Knoxville area (Bearden through Farragut) to main portals, 8-4:30. Dean Treadway, plant phone 4-6580; home phone 584-4879.

VAN POOL RIDERS NEEDED from North Central Avenue, West Woodland to Western Avenue at Keith, Pleasant Ridge Road to Cumberland Estates back to Oak Ridge Highway and Oak Ridge. M. B. Brister, plant phone 4-4219.

VAN POOL RIDER NEEDED from West Knoxville (Cedar Bluff, Middlebrook Pike, Vanosdale Road, Cloth World, Kingston Pike) to any portal except South, 8-4:30. Leon, plant phone 4-5723; home phone 693-3211.

VAN POOL RIDERS NEEDED from Sutherland Avenue and Papermill Drive area, 8:15-4:45. D. P. Atkins, plant phone 4-5463; home phone 584-3766.

CAR POOL MEMBER WANTED from Knoxville, Middlebrook Pike/Robinson Road/Piney Grove Church Road (Landmark, Stonebrook and Canby Hills subdivisions), to East Portal, 8:15-4:45. J. W. Nave, 4-4485; or J. W. Simms, 4-5926.

RIDE NEEDED from Oak Ridge Highway between Karns and Solway to East Portal, 8:15-4:45. Peterson, plant phone 4-4483; home phone 690-3989.

VAN POOL RIDERS NEEDED from Walker Springs area (Sans Souci, Plantation Manor, Wesbridge, Brendon Park and Crestwood Hills) to any portal, 8-4:30. Mike, plant phone 4-4885; home phone 691-4194.

CAR POOL MEMBER NEEDED from Maryville area, 8-4:30. John Randolph, plant phone 4-7165; home phone 856-6182.

Y-12

RIDE NEEDED from Bearden area, Knoxville, to Central Portal, 8-4:30. Alice Montgomery, plant phone 4-0746.

VAN POOL RIDERS from Morristown, Jefferson City to any portal, straight day. Don Hill, home phone Jefferson City 475-5084.

RIDE from Holiday Shores area (Sugar Grove Valley Road), Center's Ferry, to any portal, 8-4:30. Ruth Drewery, plant phone 4-2126; home phone Harriman 882-8753.

ORGDP

CAR POOL MEMBERS NEEDED from Campbell Station Road, Farragut, to Portal 1, 7:45-4:15. Gupta, plant phone 6-1903; home phone 966-0870.

Family Mixed...

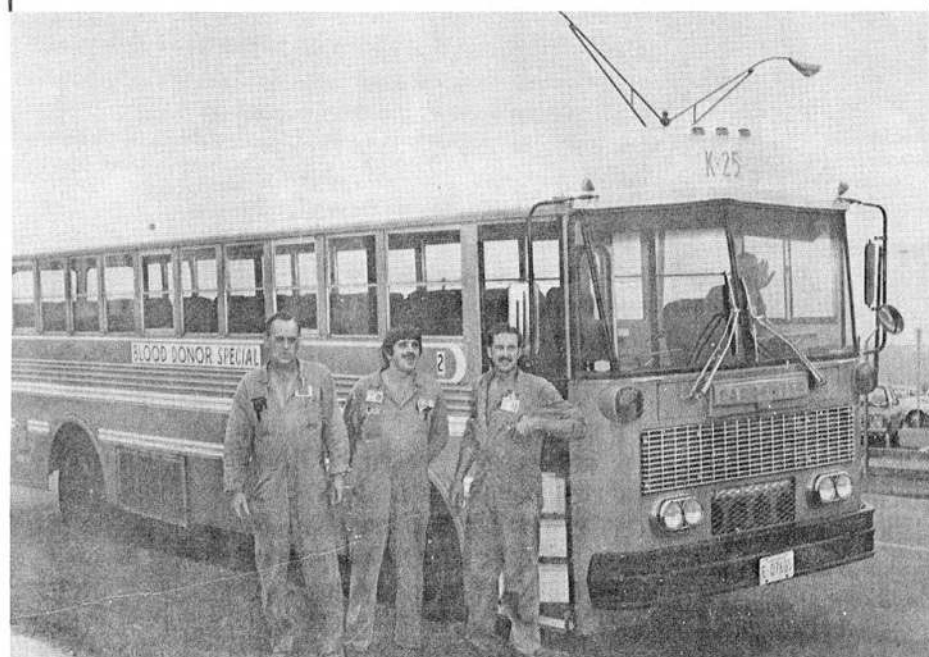
The Oops team keeps their familiar hold on standings in the Carbide Family Mixed Bowling League, after downing the Strike Force recently. High rollers included Marge Daugherty, rolling a 261; and Jim Steele, a 255. Mary Goldberg hit a 717 handicap series; Dave Scott rolled one for 691, all season highs. Mary Johnson recently rolled a 223 single; Richard Smith a 218. Shirley Williams rolled a 255 handicap single and a 696 handicap series.

Monday Mixed...

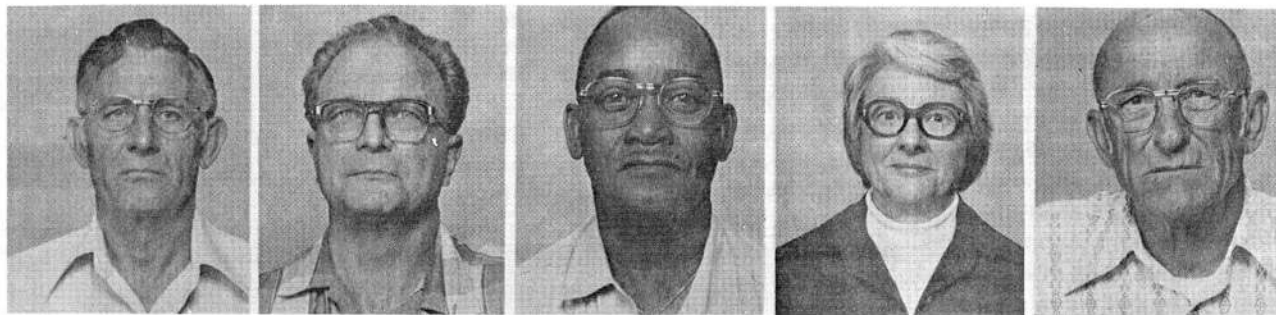
The Four Eagles hang onto a two-point lead in the Monday Mixed League. Dave Stacy rollicked through a 635 scratch series, while spouse Barbara took a 527. Dean Treadway's 636 handicap was high; Jewell Mathews rolled a 629.

The Stacys still carry high averages...his, 182; hers, 161.

Blood mobile special bus



BLOOD SPECIAL — A special bus ran on a 'lunch-hour' schedule during ORGDP's blood drive. The successful drive saw donors from every department from the plant.



Recent Retirements

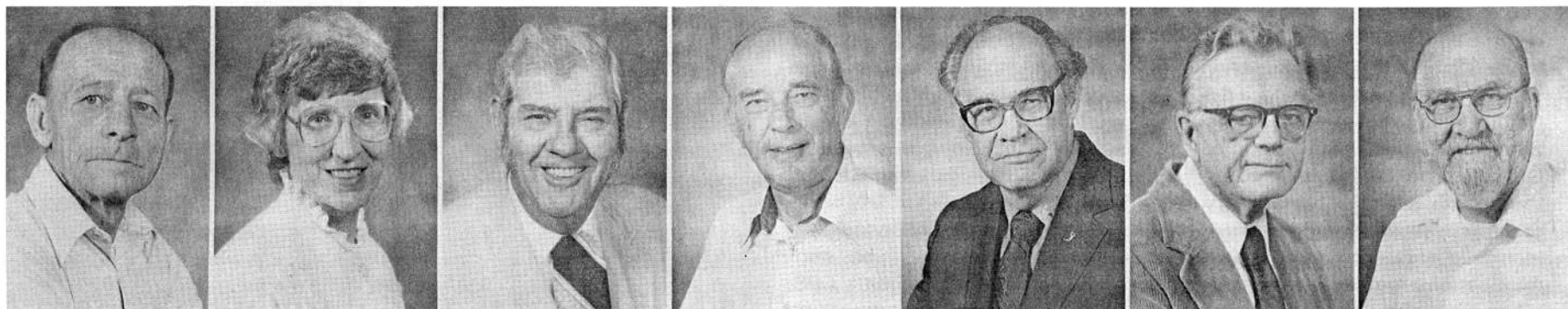
William E. Clifton
Operations
ORNL
28 years service

Robert L. Nelson
Biology
ORNL
29 years service

Harold C. Swann
Biology
ORNL
31 years service

Margaret H. Wilson
Engineering Technology
ORNL
37 years service

Eugene B. Patton Jr.
Metals and Ceramics*
ORNL
28 years service



James S. Kerns
Plant and Equipment
ORNL
35 years service

Helen F. Kuhns
Information
ORNL
27 years service

Wiley W. Johnston
Instrumentation
and Controls
ORNL
31 years service

Raymond D. Arthur
Chemical Technology
ORNL
37 years service

Howard L. Barnawell
Instrumentation
and Controls
ORNL
22 years service

Richard E. Zedler
Instrumentation
and Controls
ORNL
36 years service

Arthur L. Case
Instrumentation
and Controls
ORNL
20 years service



John A. Burkhalter
Plant and Equipment
ORNL
35 years service

Chester S. Morgan Jr.
Metals and Ceramics
ORNL
25 years service

Herbert S. Pomerance
Information
ORNL
38 years service

Jim C. Guinn
Plant and Equipment
ORNL
30 years service

George S. Sadowski Sr.
Instrumentation
and Controls
ORNL
36 years service

Patricia R. Mraz
Analytical Chemistry
ORNL
37 years service

Eugene H. Bates
Finance and Materials
ORNL
34 years service



Herbert C. Cox
Plant and Equipment
ORNL
29 years service

Paul E. Murphy
Plant and Equipment
ORNL
23 years service

Bernard Lieberman
Engineering
ORNL
30 years service

Ruth J. Curl
Information
ORNL
26 years service

Vernon O. Maggert Jr.
Plant and Equipment
ORNL
35 years service

Ada F. Misek
Finance and Materials
ORNL
28 years service

Byon M. Lamb
Plant and Equipment
ORNL
30 years service



Mildred M. Payne
Chemical Technology
ORNL
26 years service

Paul G. Parker
Plant and Equipment
ORNL
34 years service

James W. Cunningham
Instrumentation
and Controls
ORNL
36 years service

Myrtle S. Leach
Chemical Services
Y-12
37 years service

Jesse Miniard
Instrumentation
and Controls
ORNL
35 years service

Betty S. Hudson
Laboratory Protection
ORNL
22 years service

Hoyce Bailey
Operations
ORNL
38 years service

CPS review courses set for year

The Oak Ridge Chapter of Professional Secretaries International announces the schedule of Certified Professional Secretary (CPS) review courses for 1982-83.

A Study Skills Seminar will be conducted by Jim Eison, associate professor of psychology at Roane State Community College and a research associate at the University of Tennessee, on Saturday, September 11. The cost is \$15.

The courses are as follows:

*The "Office Administration and Technology" course will begin September 7. The instructor is Edith Jones, CPS, supervisor of Information and Communication Services in the Separations Systems Division at ORGDP. The course will cover the traditional and contemporary responsibilities of the secretary, including data processing, communications media, advances in office management, record management and office systems.

*"Economics and Management," to be taught by Bob Thomas, will begin on October 5. Thomas is head of the Department of Business and Economics at Roane State Community College. Emphasis will be placed on understanding business operations in the United States.

*The "Behavioral Science in Business" class, which begins November 9, will be instructed by Kathy D. Coleman, Human Resources Manager at the Y-12 Plant. This course covers the principles of human relations and one's understanding of self, peers, subordinates and superiors.

*The "Accounting" course instructor is Carl L. Butcher Jr. of

C. L. Butcher Insurance Agency of Knoxville. It begins January 4, 1983. The course will provide participants with a knowledge of the various elements in the accounting cycle; the ability to analyze financial statements and perform arithmetical operations, such as computing interest and discounts; and skills in summarizing and interpreting financial data.

*"Business Law," which will begin March 14, 1983, will be taught by M. L. Townsend, professor of business law at the University of Tennessee. This course is designed to increase the secretary's knowledge of the business world and to provide an understanding of how business is affected by governmental controls.

*The "Communications Applications" course will be conducted by Rachel R. Smith, CPS, senior secretary in Engineering Integration at ORGDP. The course helps the secretary to increase proficiency in communications and includes composing, editing, abstracting and preparing communications in final format.

With the exception of accounting, which runs for 10 weeks, all courses will last 6 weeks. The tuition of \$30 per course qualifies for reimbursement under the Nuclear Division's Educational Assistance Program. All classes will be held at the Oak Ridge High School. For additional information and registration materials, please contact Rachel Smith, extension 6-0407; Jeanne Moody, extension 4-2334; or Barbara White, extension 6-2900. The deadline for registering for the first class is August 23.

Simmons named Affirmative Action Coordinator; Plunkett to Employment

Hosie Simmons Jr. has been named Affirmative Action coordinator at Y-12. He replaces Eric L. Plunkett, who has been named professional employee representative in the Employment Department.

Simmons is a native of Oak Ridge and is a graduate of the University of Tennessee. He joined Union Carbide in 1974 in ORNL's Analytical Chemistry Division. His most recent assignment was in Y-12's Salary Administration. He served in the U.S. Army from 1972 through 1974.

Mrs. Simmons is the former Brenda Robinson, and the couple lives at 3515 Davenport Road, Knoxville. They have three daughters.

Plunkett, a native of Memphis, has a BA and an MS from the University of Tennessee. He joined Union Carbide in 1978 as an engineering aid,



Plunkett

Simmons

and has served as Affirmative Action coordinator for Y-12 since 1979. He worked with the East Tennessee Human Resource Agency and the Child and Family Services of Knoxville as a social worker from 1975 through 1976.

He lives on Loflin Circle in Knoxville.

Question Box

Why is retirement information separate?

QUESTION: In the October 1981 issue of Carbide WORLD, page 5, is a report on the Retirement Program for employees of Union Carbide Corporation (except for the Nuclear Division which is reported separately). Why is the Nuclear Division reported separately, and what is the significance of this to those of us who are Nuclear Division employees?

ANSWER: Since Nuclear Division employees' pension benefits are financed by the Department of Energy and private sector employees' pension benefits are funded directly by Union Carbide, separate trust funds are established for the two groups. Federal regulations require plans having separate trust funds to be reported separately. The Nuclear Division report was in the December 17, 1981, issue of the NUCLEAR DIVISION NEWS.

The significant thing about this separation of trust funds is that the monies in the Nuclear Division trust fund are dedicated to provide benefits to Nuclear Division retirees only, while the monies in the private sector trust fund are dedicated to provide

benefits to private sector retirees only.

Separate pay checks

QUESTION: When being paid for a retroactive raise, why isn't a separate check issued? It would make our deductions less.

ANSWER: Recently some retroactive salary increases were paid and were included in the regular checks, increasing the tax impact for that period. Persons who were impacted in this way may request that the excessive deductions be refunded to them.

In the future, retroactive payments will be made through a separate check.

Metal Prep picnic

Y-12's Metal Preparation Division will hold its annual picnic, Saturday, September 4, at 4 p.m., at Cove Lake Park, Caryville.

All employees, retirees and their families are invited to show up at Shelter #2. Bring your own food and drinks.

Students enjoy 'Energy Week'



SCIENCE STUDENTS VISIT — James B. Ball, right, ORNL Physics Division, talks with DOE Science Fair Special Award Winners during a visit to the Holifield Heavy Ion Research Facility. The students and their instructors were hosted by Union Carbide and Oak Ridge Associated Universities as part of a recent "Energy Week" visit to Oak Ridge.

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<div data-bbox="1112 2219 1369 2474"> </div> <div data-bbox="1552 2601 2039 2655"> <p>ADDRESS CORRECTION REQUESTED</p> </div>		